

~~A BUILDING PANEL AND PLANT FOR THE MANUFACTURE THEREOF~~
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ABSTRACT

SUB
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5 This building panel consists of a lightweight panel for external or
internal closures of latticework support structures, which is constituted by
slabs of air-setting resistant material. The slabs are reinforced in the façade
panels for external closures and unreinforced for the dividing panels for
internal closures. They are provided with a patterned surface on the visible
10 face and are smooth or shaped at the edges. The visible face is formed by
a thin layer of molded synthetic resin or fine mortar paste. When the layer is
molded synthetic resin and is disposed as a shell for the panel, it comprises
over the whole of the inner surface thereof an internal synthetic resin layer,
the entire free surface of which is covered with a solid bulk material, the
15 components of which are firmly partially anchored in said internal layer and
afford a substantial free surface for anchorage of the air-setting material
forming the resistant body poured thereover. This material fills the entire
volume of said panel shell, at the same time as it includes therein
reinforcement means provided with points directly accessible from the
20 outside of the concealed face of the panel.

Figure 5.

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